

CLAIMS

1. A seal (1) comprising a body (10) of longitudinal
axis X which comprises a base-piece (20) having a
5 first end (21) and an opposed second end (22), two
opposed side walls (23, 24) connecting the two
ends (21, 22), and two shoulders (40, 41) located
on either side of each of the two side walls and
at one (21) of the ends, characterized in that it
10 is made of a single flexible material and in that,
in a section perpendicular to the X axis, the
width of the base-piece, from one side wall to the
other, in the vicinity of the end (22) on the
opposite side from the shoulders (40, 41) is
15 larger than the width of the base-piece, from one
side wall to the other, in the vicinity of the end
(21) near the shoulders (40, 41).
2. The seal as claimed in claim 1, characterized in
20 that the actual cross section of the base-piece,
in the section perpendicular to the X axis and
bounded by the end (22) on the opposite side from
the shoulders, the side walls (23, 24) and a
finite line L parallel to the ends (21, 22) and
25 connecting the ends of the side walls (23a, 24a)
at the shoulders (40, 41), lies within a reference
cross section of trapezoidal shape, the large base
of which merges with the end (22) on the opposite
side from the shoulders and the small base of
30 which merges with the line L.
3. The seal as claimed in claim 2, characterized in
that said cross section of the base-piece is of
trapezoidal shape.
- 35 4. The seal as claimed in claim 2, characterized in
that said cross section of the base-piece is of
approximately square or rectangular shape, the

ends (23a, 24a) of the side walls at the shoulders having a recess toward the inside of the seal.

- 5 5. The seal as claimed in claim 2, characterized in that the two side walls (23, 24) include mutually parallel lateral projections (25) that are inclined toward the shoulders (40, 41) and placed toward the end (22) on the opposite side from the shoulders.
- 10 6. The seal as claimed in one of claims 1 to 5, characterized in that the base-piece (20) is solid.
- 15 7. The seal as claimed in one of claims 1 to 5, characterized in that the base-piece (20) includes an internal cavity (20a).
- 20 8. The seal as claimed in any one of the preceding claims, characterized in that it includes a sealing lip (30) extending from the end (21) of the base-piece lying on the same side as the shoulders (40, 41).
- 25 9. The seal as claimed in claim 8, characterized in that the sealing lip (30) is solid and has a cross section of oblong and approximately flat shape.
- 30 10. The seal as claimed in claim 8, characterized in that the sealing lip (30) is tubular.
- 35 11. The seal as claimed in one of the preceding claims, characterized in that the shoulders (40, 41) have, at their free ends (40a, 41a), a smaller thickness than the portions (40b, 41b) that start from the ends (23a, 24a) of the side walls.
12. The seal as claimed in one of the preceding claims, characterized in that the material of the

body (10) has a Shore A hardness of between 40 and 60.

- 5 13. The seal as claimed in claim 12, characterized in that the material is a plastic of the silicone, butyl, EPDM, Hypalon, natural rubber, Neoprene, nitrile, polybutadiene, polyisoprene, polyurethane, SBR or Viton type.
- 10 14. A glazing panel (5) having a housing (60) designed to receive, in compressed form, the base-piece (20) of the seal as claimed in any one of the preceding claims.
- 15 15. The glazing panel as claimed in claim 14, characterized in that the body (10) of the base-piece has, at least at its end (22) on the opposite side from the shoulders (40, 41), a substantially larger width than the width of the
20 housing (60).
- 25 16. The glazing panel as claimed in either of claims 14 and 15, characterized in that it is insulating and comprises at least two glass panes (50, 51) spaced apart by a gas or air layer (52), a spacer (53) keeping the glass panes apart and being placed set back from the edges (55, 56) of the glass panes so as to leave a groove forming the housing (60), the bottom of which constitutes one
30 face (58) of the spacer, the base-piece (20) of the seal (1) being housed in the groove (60) and held therein by compression, and the shoulders (40, 41) butting against the edges (55, 56) of the glass panes.
- 35 17. The glazing panel as claimed in claim 16, characterized in that means (54) for sealing the inside of the glazing panel cover the bottom (58) of the groove and possibly one part of the side

walls (50a, 50b) of the groove that are formed by the internal faces of the glass panes, the body of the base-piece (20) of the seal cooperating frictionally with the sealing means (54).

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18. The glazing panel as claimed in one of claims 14 to 17, characterized in that it is flat or curved.

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19. A refrigerated cabinet comprising at least one glazing panel as claimed in one of claims 14 to 18.